



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Curtis Gregory Kelsay

Examiner: Kevin D. Williams

Serial No.: 09/491,994

Group Art Unit: 2854

Filed: January 26, 2000

Docket No.: 10990356-1

Title: AN OPTICAL INTERLINK BETWEEN AN OPTICAL TRANSDUCER AND OPTICAL DATA PORT

**AMENDMENT AND RESPONSE**

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir/Madam:

This Amendment and Response is in reply to the Non-Final Office Action mailed on March 15, 2001. Please amend the above-identified patent application as follows:

**IN THE SPECIFICATION**

Please replace the paragraph beginning at page 2, line 2, with the following rewritten paragraph:

In order to accomplish the present invention there is provided an optical interlink which is made from an optical transducer capable of optically exchanging information. Information to and from the optical transducer passes through a light pipe transducer end and an optical data port end. The optical light pipe consists of separate transmit and receive light pipes. To reduce losses as a result of the light pipe transmission, there are lenses formed to collimate light between the transducer end of the light pipe and the optical transducer. The collimating lenses are formed in the light pipe. There are also provided additional lenses on the optical data port side of the light port. Transmitted light from the light pipe passes through a lens that increases the illumination angle of the light exiting from the optical data port. Received light passes through a lens that amplifies and collimates the light into the receiving light pipe.

Please replace the paragraph beginning at page 3, line 31, with the following rewritten paragraph:

Referring next to FIG. 3 where the transmit light pipe 70 is shown in greater detail. The transmit light pipe 70 is a constant cross section molded part with integral lens details on each

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